

What is claimed is:

5.53. > 1. A color converting apparatus comprising:

5 merging means for merging printing condition color converting means and output condition color converting means;  
and

a storage area for storing to-be-merged printing condition color converting means;

said merging means comprising means for, when a desired printing condition color converting means is moved into said storage area, merging the moved desired printing condition color converting means with said output condition color converting means into a merged color converting means.

10 2. A color converting apparatus according to claim 1,  
further comprising an input unit and a display unit for displaying an image of the storage area for storing to-be-merged printing condition color converting means, said merging means comprising means for, when the desired printing condition color converting means is moved into the displayed image of said storage area, merging the moved desired printing condition color converting means with said output condition color converting means into the merged color converting means.

20 25 3. A color converting apparatus according to claim 1,  
wherein said merging means comprises means for, when a to-

be-merged printing condition color converting means stored  
in said storage area is modified, merging the modified to-  
be-merged printing condition color converting means with  
said output condition color converting means into the merged  
color converting means.

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4. A color converting apparatus according to claim 2,  
wherein said merging means comprises means for, when a to-  
be-merged printing condition color converting means stored  
in said storage area is modified, merging the modified to-  
be-merged printing condition color converting means with  
said output condition color converting means into the merged  
color converting means.

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5. A color converting apparatus according to claim 1,  
wherein said merging means comprises means for, when said  
output condition color converting means is modified, merging  
a to-be-merged printing condition color converting means  
stored in said storage area with the modified output condi-  
tion color converting means into the merged color converting  
means.

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6. A color converting apparatus according to claim 2,  
wherein said merging means comprises means for, when said  
output condition color converting means is modified, merging  
a to-be-merged printing condition color converting means  
stored in said storage area with the modified output condi-

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tion color converting means into the merged color converting means.

7. A color converting apparatus according to claim 1,  
5 wherein said printing condition color converting means comprises means for converting device-dependent input image data to device-independent image data in view of printing conditions, said output condition color converting means comprises means for converting said device-independent image data to device-dependent input image data in view of conditions of a proof image outputting apparatus, and said merged color converting means comprises means for converting said device-dependent input image data to device-dependent input image data for said proof image outputting apparatus for confirming the colors of an image to be printed on a print sheet based on said device-dependent input image data with said proof image outputting apparatus before the image is actually printed.

20 8. A color converting apparatus according to claim 2,  
wherein said printing condition color converting means comprises means for converting device-dependent input image data to device-independent image data in view of printing conditions, said output condition color converting means comprises means for converting said device-independent image data to device-dependent input image data in view of conditions of a proof image outputting apparatus, and said merged  
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color converting means comprises means for converting said device-dependent input image data to device-dependent input image data for said proof image outputting apparatus for confirming the colors of an image to be printed on a print sheet based on said device-dependent input image data with said proof image outputting apparatus before the image is actually printed.

9. A color converting apparatus according to claim 3, wherein said printing condition color converting means comprises means for converting device-dependent input image data to device-independent image data in view of printing conditions, said output condition color converting means comprises means for converting said device-independent image data to device-dependent input image data in view of conditions of a proof image outputting apparatus, and said merged color converting means comprises means for converting said device-dependent input image data to device-dependent input image data for said proof image outputting apparatus for confirming the colors of an image to be printed on a print sheet based on said device-dependent input image data with said proof image outputting apparatus before the image is actually printed.

10. A color converting apparatus according to claim 4, wherein said printing condition color converting means comprises means for converting device-dependent input image

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data to device-independent image data in view of printing conditions, said output condition color converting means comprises means for converting said device-independent image data to device-dependent input image data in view of conditions of a proof image outputting apparatus, and said merged color converting means comprises means for converting said device-dependent input image data to device-dependent input image data for said proof image outputting apparatus for confirming the colors of an image to be printed on a print sheet based on said device-dependent input image data with said proof image outputting apparatus before the image is actually printed.

11. A color converting apparatus according to claim 5, wherein said printing condition color converting means comprises means for converting device-dependent input image data to device-independent image data in view of printing conditions, said output condition color converting means comprises means for converting said device-independent image data to device-dependent input image data in view of conditions of a proof image outputting apparatus, and said merged color converting means comprises means for converting said device-dependent input image data to device-dependent input image data for said proof image outputting apparatus for confirming the colors of an image to be printed on a print sheet based on said device-dependent input image data with said proof image outputting apparatus before the image is

actually printed.

12. A color converting apparatus according to claim 6,  
wherein said printing condition color converting means com-  
5 prises means for converting device-dependent input image  
data to device-independent image data in view of printing  
conditions, said output condition color converting means  
comprises means for converting said device-independent image  
data to device-dependent input image data in view of condi-  
tions of a proof image outputting apparatus, and said merged  
color converting means comprises means for converting said  
device-dependent input image data to device-dependent input  
image data for said proof image outputting apparatus for  
confirming the colors of an image to be printed on a print  
sheet based on said device-dependent input image data with  
said proof image outputting apparatus before the image is  
actually printed.

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